

Application Serial Number 10/038,547
Attorney Docket Number RA-5368

Response Filed 11/14/2005

~~Claim~~ Amendments

It is requested that the following amendments be entered into the Claims:

Claims 1 - 4 (Cancelled)

1 5. (Currently Amended). A second stage lottery program for a dispatcher program
2 that dispatches tasks within an operating system of a computer system, the computer
3 system supporting at least two classes of said tasks, each of said classes including at
4 least two levels of said tasks, said dispatcher program to determine which of said tasks
5 will be assigned to a next available IP resource, said second stage lottery program
6 comprising:

7 a random number generator and selection program for generating a first random
8 number for selecting one of said at least two classes, and for generating a second
9 random number for selecting one of said at least two levels within said selected
10 class; and

11 a transfer program for ~~transferring control of~~ assigning said next available IP
12 resource ~~from said second stage lottery program to~~ execute a task assigned to said
13 selected one of said at least two levels.

1 6. (Previously Amended) The second stage lottery program of claim 5 further
2 comprising:

3 a level switching routine for handling a failure by said transfer program to find
4 a task on said selected one of said at least two levels, said level switching routine for
5 selecting a different one of said at least two levels that is associated with a task, and
6 allowing transfer of control to said task associated with said different one of said at
7 least two levels.

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